

20b

20a

20c

20d

20e

20f

20g

20h

20i

20j

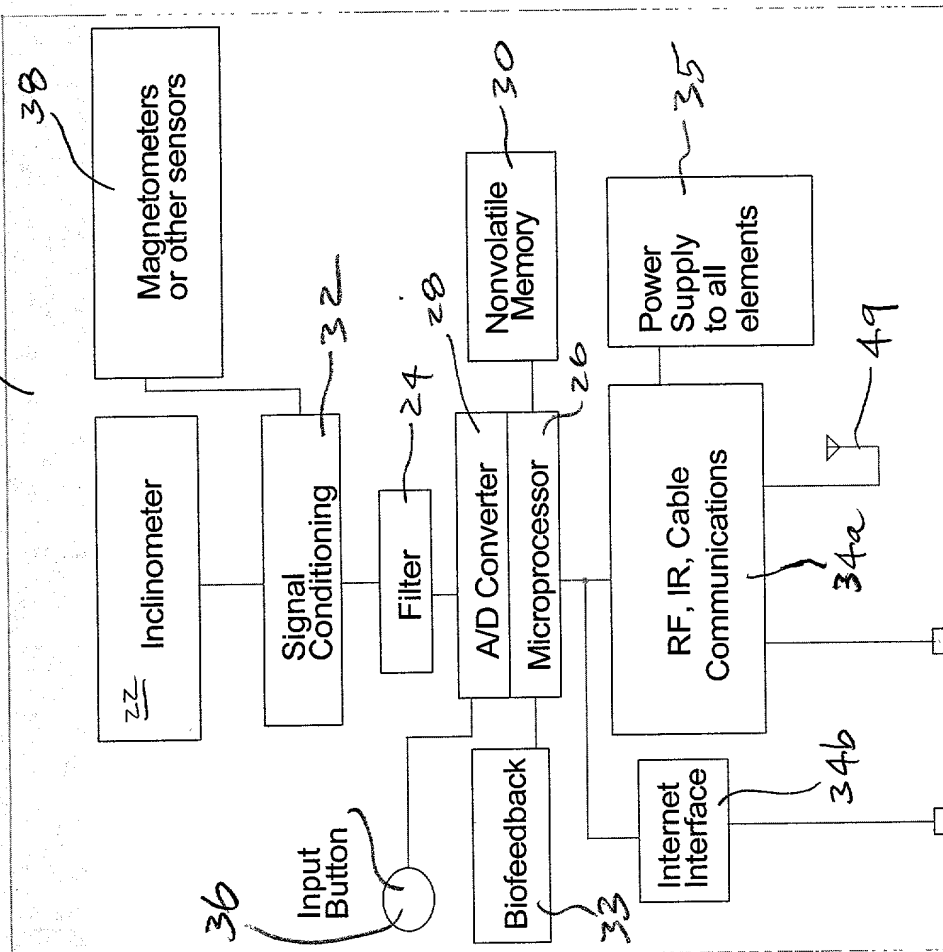
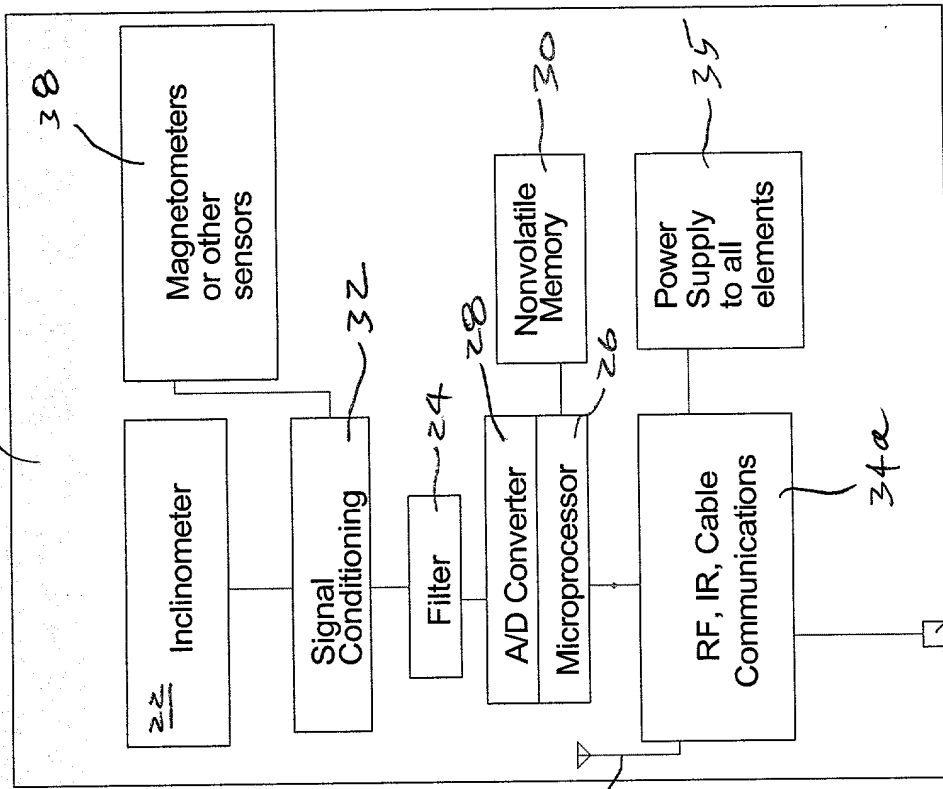


FIG. 1

115-000  
1-90

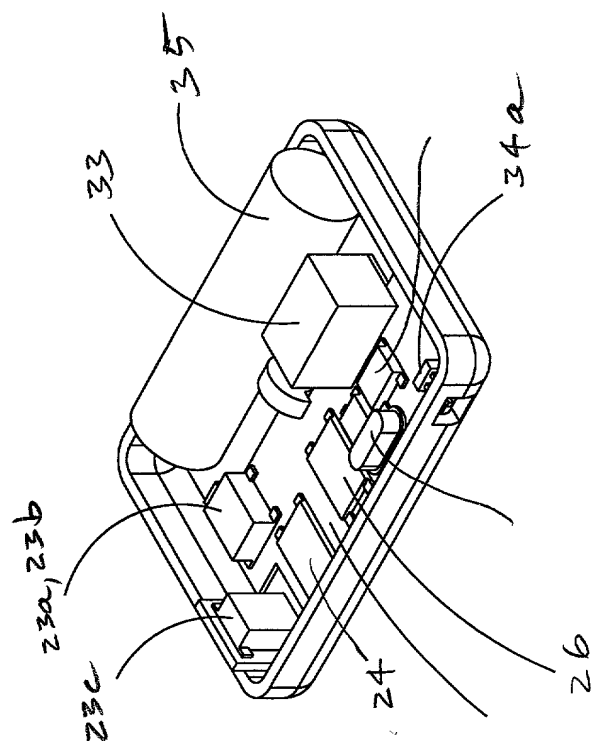


FIG. 2a

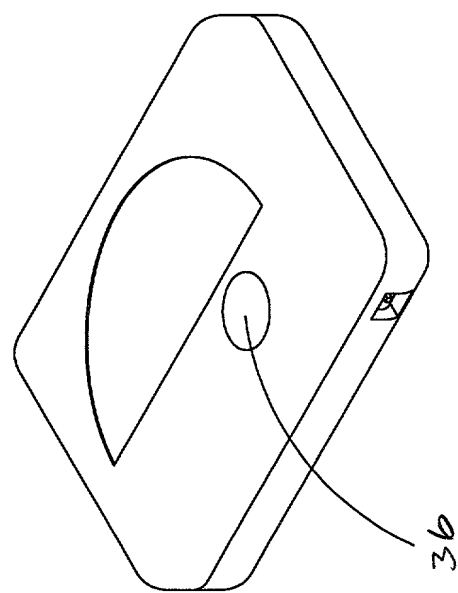
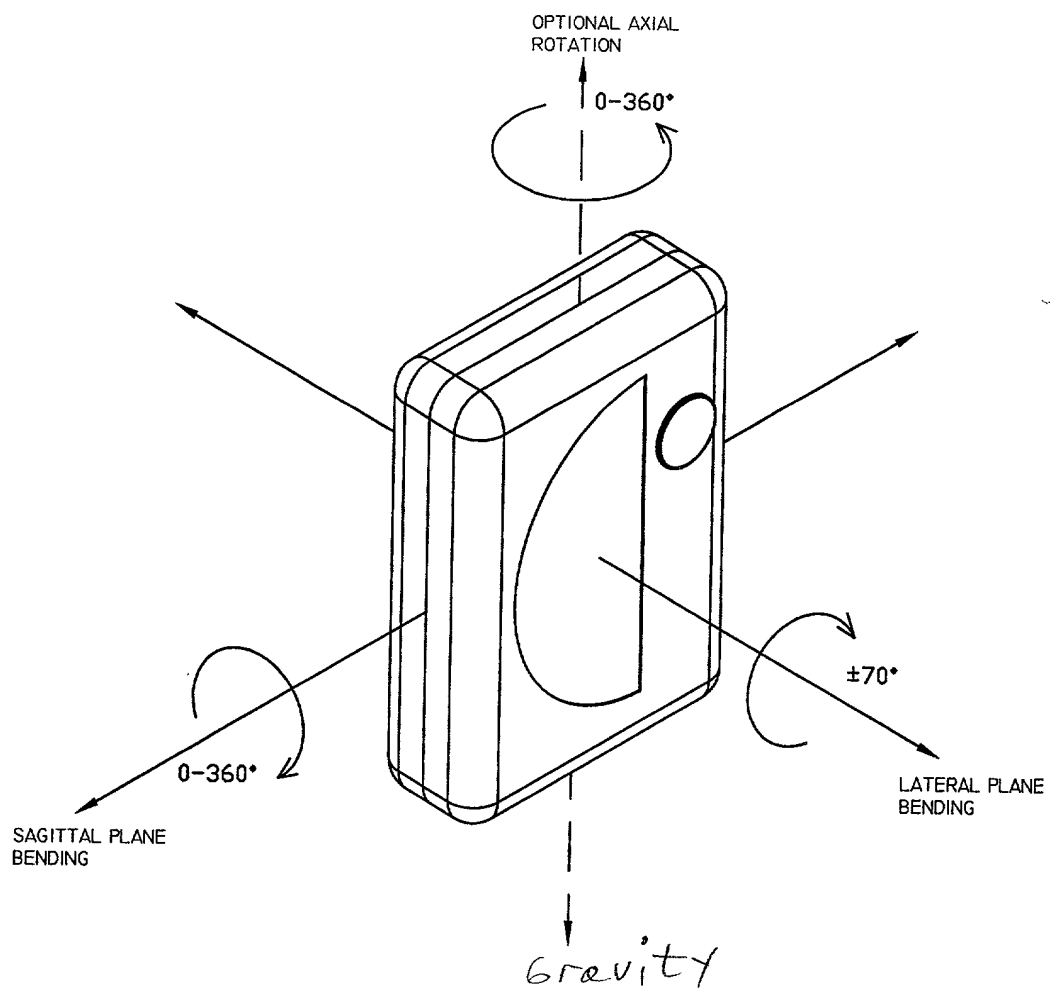


FIG. 2b

115-002  
3-10



F16.3

$$\begin{aligned}
 a_x &= (a_{xrow} - a_{xoffset}) * a_{xgain} \\
 a_y &= (a_{yrow} - a_{yoffset}) * a_{ygain} \\
 a_z &= (a_{zrow} - a_{zoffset}) * a_{zgain} \\
 \theta_y &= \arctan \frac{a_x}{a_z} \\
 \theta_x &= \arctan \frac{a_y}{\sqrt{a_x^2 + a_z^2}}
 \end{aligned}$$

FIG. 4a

$$\begin{aligned}
 m_x &= (m_{xrow} - m_{xoffset}) * m_{xgain} \\
 m_y &= (m_{yrow} - m_{yoffset}) * m_{ygain} \\
 m_z &= (m_{zrow} - m_{zoffset}) * m_{zgain} \\
 m'_y &= m_y * \cos \theta_x + m_z * \sin \theta_x \\
 m'_z &= m_z * \cos \theta_x + m'_y * \sin \theta_x \\
 m'_x &= m_x * \cos \theta_y + m'_z * \sin \theta_y \\
 \theta_z &= \arctan(m'_x / m'_y)
 \end{aligned}$$

FIG. 4c

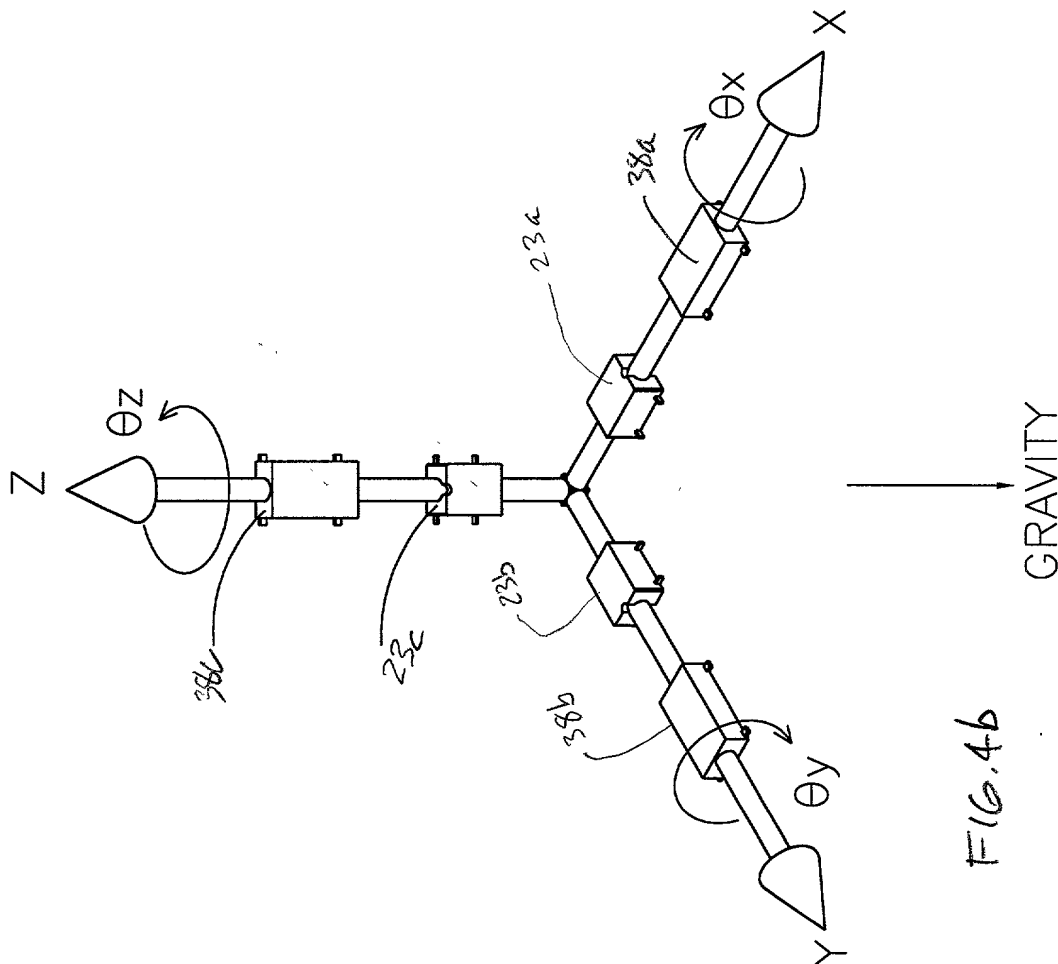


FIG. 4b

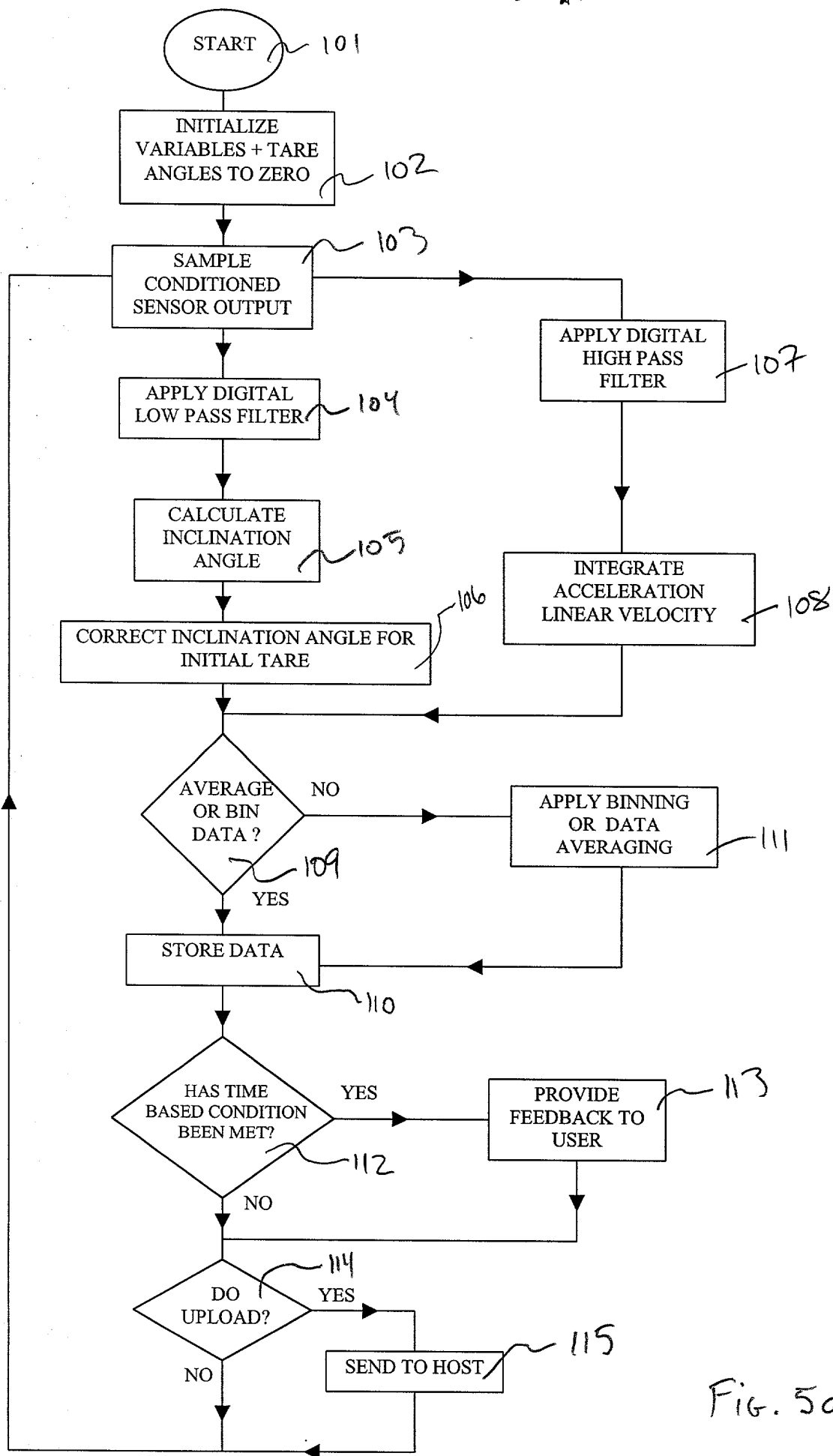


Fig. 5a

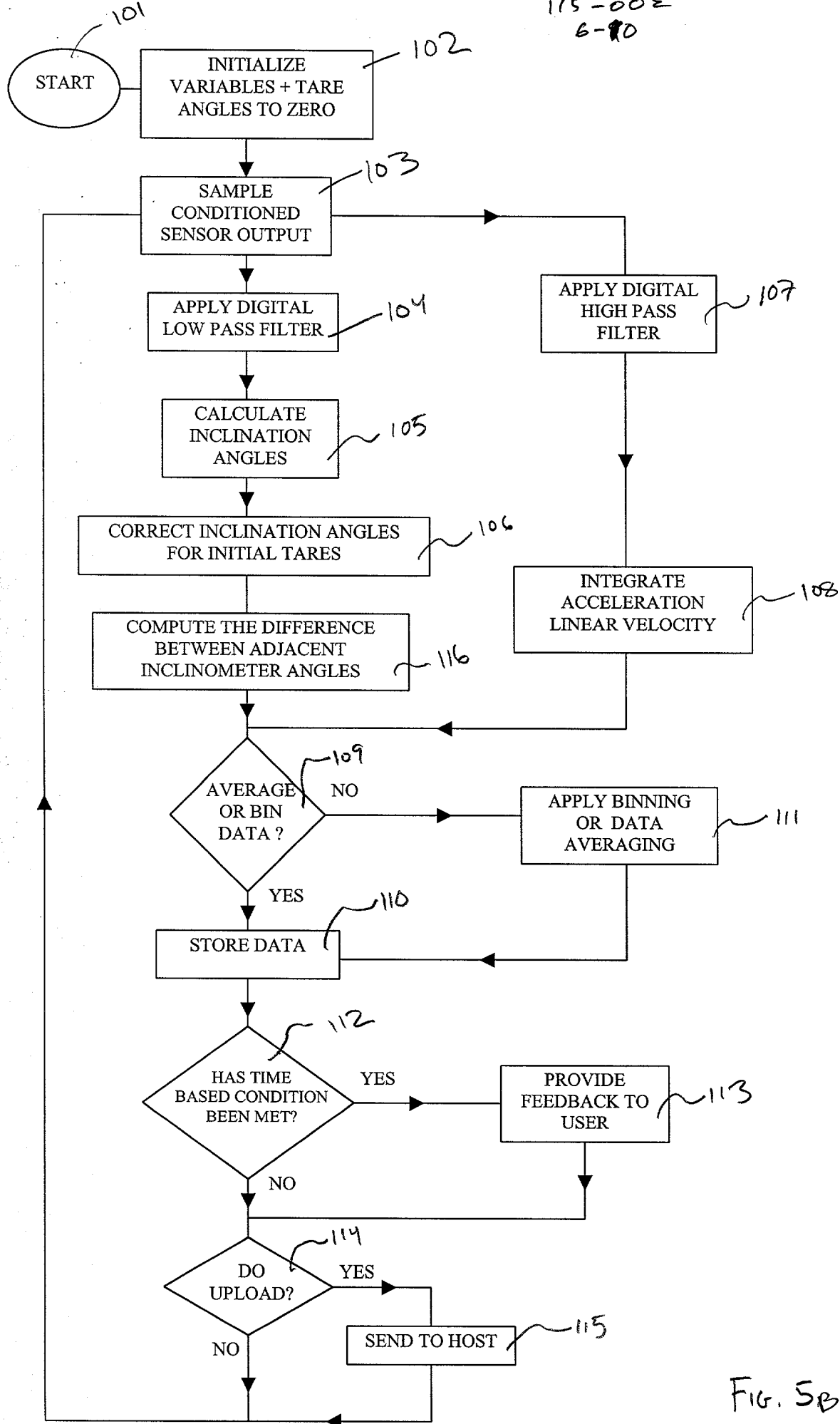


FIG. 5B

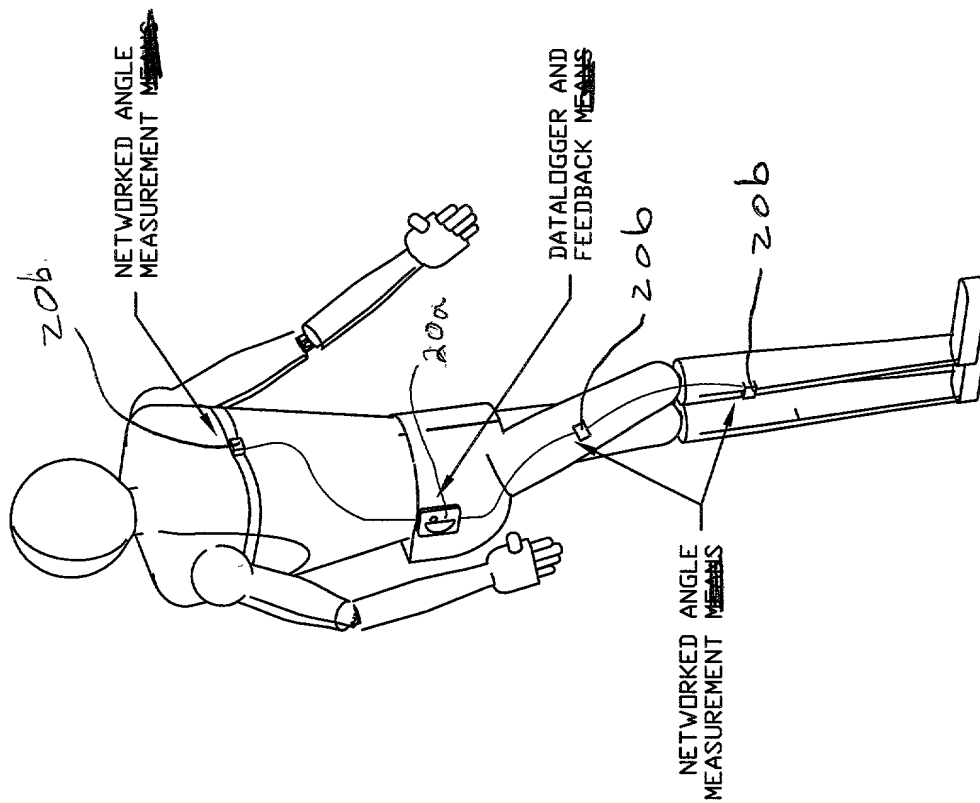


FIG. 6

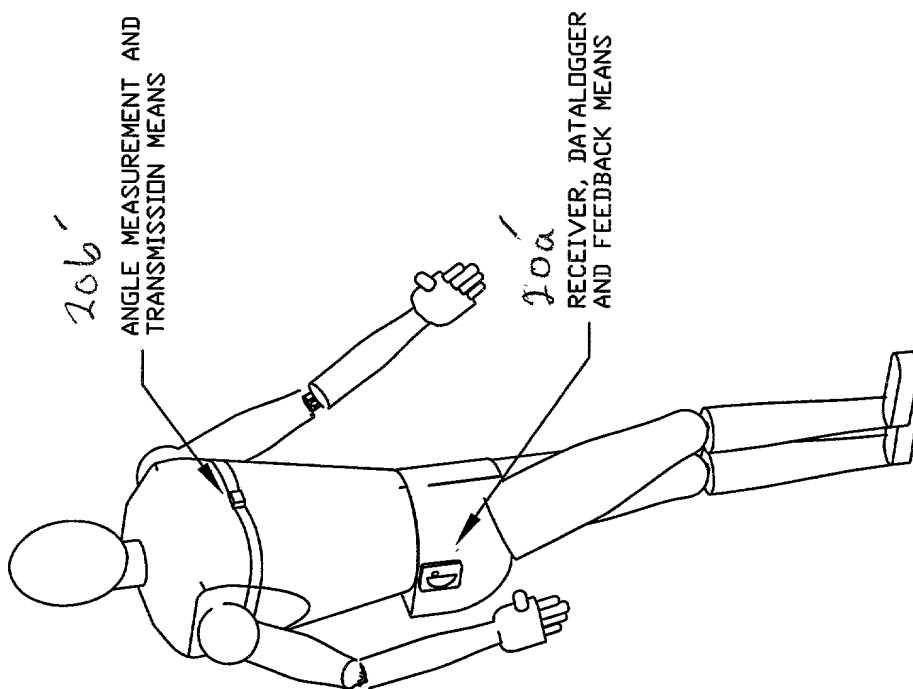


FIG. 7C



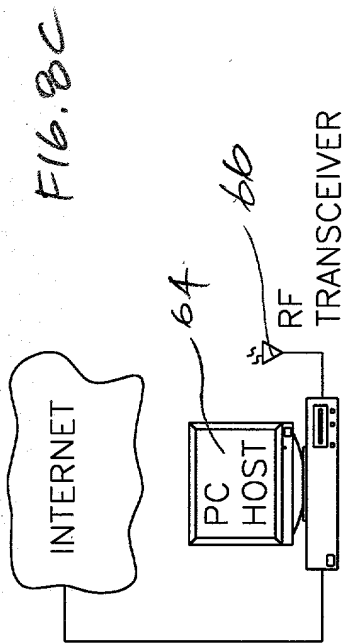


Fig. 8c

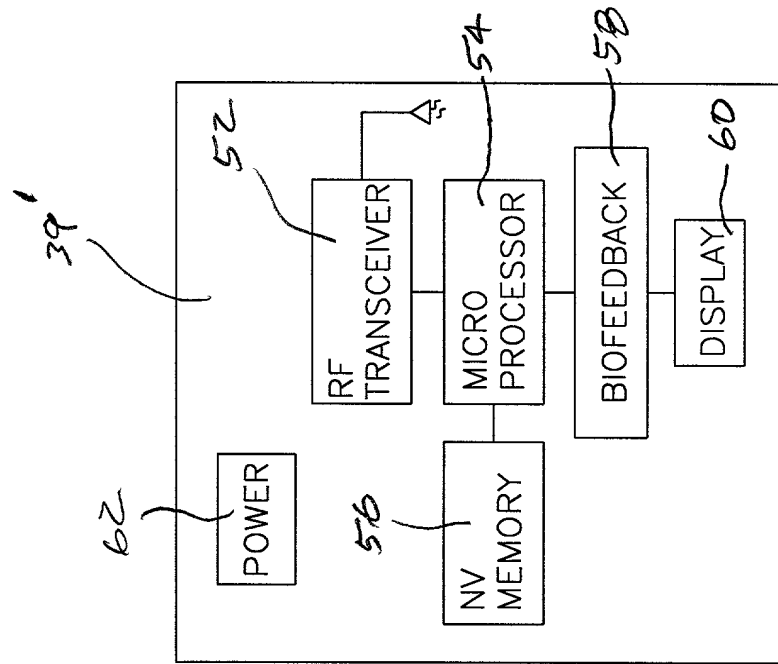


Fig. 8b

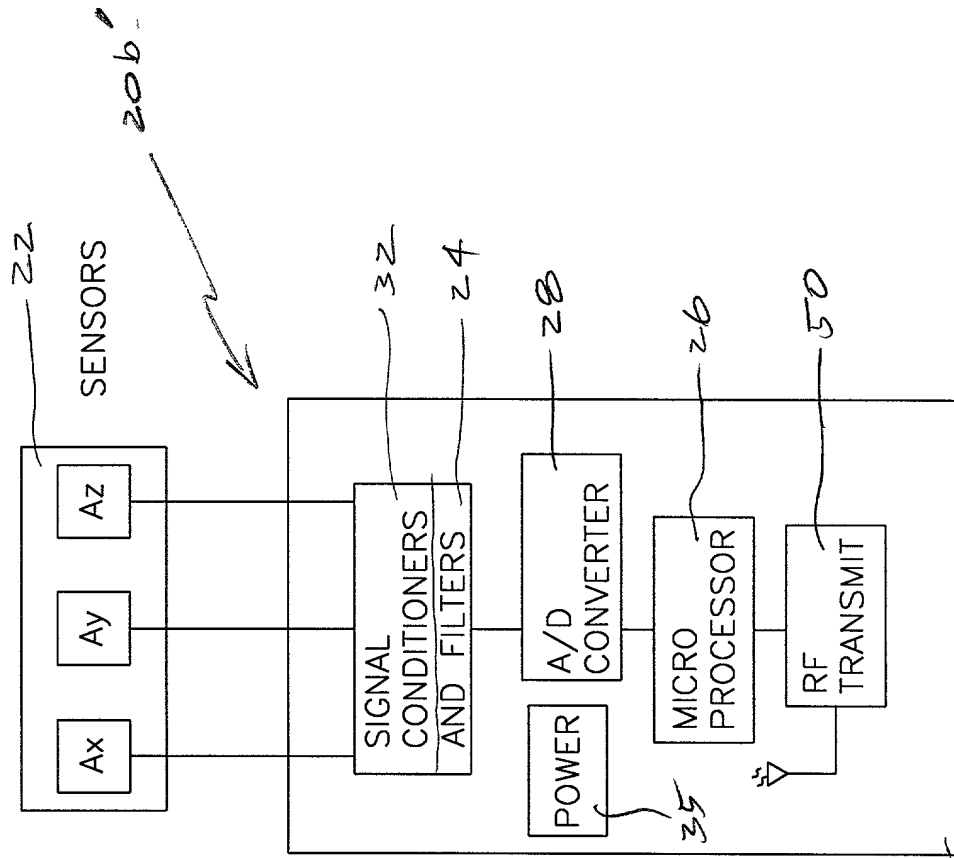


Fig. 8a

115-002  
9-10

115-002  
- 10-10

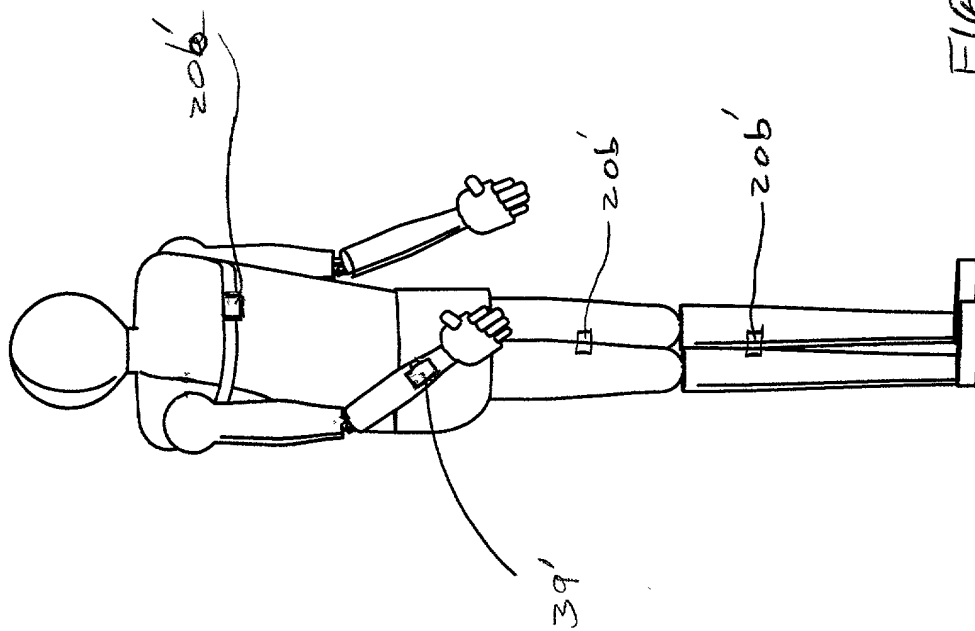


FIG. 9

115-002  
- 10-10